Bernard G Schreurs

List of Publications by Year
in descending order

113	3,642	30	56
papers	citations	h-index	g-index
		159585	149698

114	114	114	2104
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Trace amounts of copper in water induce Î²-amyloid plaques and learning deficits in a rabbit model of Alzheimer's disease. Proceedings of the National Academy of Sciences of the United States of America, 2003, 100, 11065-11069.	7.1	436
2	A functional anatomical study of associative learning in humans.. Proceedings of the National Academy of Sciences of the United States of America, 1994, 91, 8122-8126.	7.1	256
3	Pairing-specific long-term depression of Purkinje cell excitatory postsynaptic potentials results from a classical conditioning procedure in the rabbit cerebellar slice. Journal of Neurophysiology, 1996, 75, 1051-1060.	1.8	178
4	Rabbit cerebellar slice analysis of long-term depression and its role in classical conditioning. Brain Research, 1993, 631, 235-240.	2.2	156
5	Intracellular Correlates of Acquisition and Long-Term Memory of Classical Conditioning in Purkinje Cell Dendrites in Slices of Rabbit Cerebellar Lobule HVI. Journal of Neuroscience, 1998, 18, 5498-5507.	3.6	154
6	Lateralization and Behavioral Correlation of Changes in Regional Cerebral Blood Flow With Classical Conditioning of the Human Eyeblink Response. Journal of Neurophysiology, 1997, 77, 2153-2163.	1.8	147
7	Dendritic Excitability Microzones and Occluded Long-Term Depression After Classical Conditioning of the Rabbit's Nictitating Membrane Response. Journal of Neurophysiology, 1997, 77, 86-92.	1.8	124
8	The effects of cholesterol on learning and memory. Neuroscience and Biobehavioral Reviews, 2010, 34, 1366-1379.	6.1	87
9	Kinetic and Frequency-Domain Properties of Reflex and Conditioned Eyelid Responses in the Rabbit. Journal of Neurophysiology, 2000, 83, 836-852.	1.8	82
10	Trace copper levels in the drinking water, but not zinc or aluminum influence CNS Alzheimer-like pathology. Journal of Nutrition, Health and Aging, 2006, 10, 247-54.	3.3	80
11	Learning-specific differences in Purkinje-cell dendrites of lobule HVI (Lobulus simplex): intracellular recording in a rabbit cerebellar slice. Brain Research, 1991, 548, 18-22.	2.2	76
12	Temporal primacy overrides prior training in serial compound conditioning of the rabbitâ€™s nictitating membrane response. Learning and Behavior, 1987, 15, 455-464.	3.4	56
13	Calexcitin: A signaling protein that binds calcium and GTP, inhibits potassium channels, and enhances membrane excitability. Proceedings of the National Academy of Sciences of the United States of America, 1996, 93, 13808-13813.	7.1	53
14	A High-Cholesterol Diet Increases 27-Hydroxycholesterol and Modifies Estrogen Receptor Expression and Neurodegeneration in Rabbit Hippocampus. Journal of Alzheimer's Disease, 2017, 56, 185-196.	2.6	53
15	Contraction of neuronal branching volume: an anatomic correlate of Pavlovian conditioning.. Proceedings of the National Academy of Sciences of the United States of America, 1990, 87, 1611-1614.	7.1	50
16	Gene expression profiles during long-term memory consolidation. European Journal of Neuroscience, 2001, 13, 1809-1815.	2.6	48
17	US-US conditioning of the rabbitâ€™s nictitating membrane response: Emergence of a conditioned response without alpha conditioning. Cognitive, Affective and Behavioral Neuroscience, 1990, 18, 312-320.	1.3	47
18	Direct medical expenditures associated with Alzheimer's and related dementias (ADRD) in a nationally representative sample of older adults â€“ an excess cost approach. Aging and Mental Health, 2018, 22, 619-624.	2.8	45

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19	Cross-modal transfer as a function of initial training level in classical conditioning with the rabbit. Learning and Behavior, 1987, 15, 47-54.	3.4	43
20	Temporal patterns of the rabbit's nictitating membrane response to compound and component stimuli under mixed CSâ€“US intervals.. Behavioral Neuroscience, 1989, 103, 283-295.	1.2	43
21	Ruralâ€Urban Differences in Alzheimer's Disease and Related Disorders Diagnostic Prevalence in Kentucky and West Virginia. Journal of Rural Health, 2016, 32, 314-320.	2.9	43
22	Conditioning-specific modification of the rabbit's unconditioned nictitating membrane response.. Behavioral Neuroscience, 1995, 109, 24-33.	1.2	42
23	The effects of scopolamine, lorazepam, and glycopyrrolate on classical conditioning of the human eyeblink response. Psychopharmacology, 1995, 122, 395-400.	3.1	35
24	Long-Term Memory and Extinction of the Classically Conditioned Rabbit Nictitating Membrane Response. Learning and Motivation, 1993, 24, 293-302.	1.2	34
25	Single-cue delay and trace classical conditioning in schizophrenia. Biological Psychiatry, 2003, 53, 390-402.	1.3	33
26	Tumor Necrosis Factorâ€Î± (TNFâ€Î±), Interferonâ€Î³, and Interleukinâ€6 but Not TNFâ€Î² Induce Differentiation of Neuroblastoma Cells: The Role of Nitric Oxide. Journal of Neurochemistry, 1994, 62, 1337-1344.	3.9	33
27	Conditioning-specific reflex modification of the rabbit's nictitating membrane response and heart rate: Behavioral rules, neural substrates, and potential applications to posttraumatic stress disorder.. Behavioral Neuroscience, 2008, 122, 1191-1206.	1.2	32
28	Protein kinase C redistribution within CA3 stratum oriens during acquisition of nictitating membrane conditioning in the rabbit.. Proceedings of the National Academy of Sciences of the United States of America, 1991, 88, 6637-6641.	7.1	31
29	Conditioning-specific reflex modification of the rabbit (Oryctolagus cuniculus) nictitating membrane response: Generality and nature of the phenomenon.. Behavioral Neuroscience, 2001, 115, 1039-1047.	1.2	31
30	Conditioning the unconditioned response: Modification of the rabbit's (Oryctolagus cuniculus) unconditioned nictitating membrane response.. Journal of Experimental Psychology, 2000, 26, 144-156.	1.7	31
31	Ruler vs. the Apple II/FIRST system analysis of analog signals in classical conditioning. Behavior Research Methods, 1982, 14, 519-525.	4.0	30
32	Acquisition of conditioned associations in Hermissenda: Additive effects of contiguity and the forward interstimulus interval.. Behavioral Neuroscience, 1990, 104, 597-606.	1.2	30
33	Pavlovian conditioning of distinct components of Hermissenda's responses to rotation. Behavioral and Neural Biology, 1990, 54, 131-145.	2.2	30
34	GABA-induced responses in Purkinje cell dendrites of the rabbit cerebellar slice. Brain Research, 1992, 597, 99-107.	2.2	30
35	Conditioning-specific modification of the rabbit's unconditioned nictitating membrane response.. Behavioral Neuroscience, 1995, 109, 24-33.	1.2	30
36	Anatomical Characterization of a Rabbit Cerebellar Eyeblink Premotor Pathway Using Pseudorabies and Identification of a Local Modulatory Network in Anterior Interpositus. Journal of Neuroscience, 2012, 32, 12472-12487.	3.6	29

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37	Pairing-specific long-term depression prevented by blockade of PKC or intracellular Ca2+. NeuroReport, 1998, 9, 2237-2241.	1.2	28
38	Conditioning the unconditioned response: Modification of the rabbit's (Oryctolagus cuniculus) unconditioned nictitating membrane response.. Journal of Experimental Psychology, 2000, 26, 144-156.	1.7	26
39	Compound-component differentiation as a function of CS-US interval and CS duration in the rabbitâ€™s conditioned nictitating membrane response. Learning and Behavior, 1986, 14, 144-154.	3.4	25
40	Associative learning potentiates protein kinase C activation in synaptosomes of the rabbit hippocampus.. Proceedings of the National Academy of Sciences of the United States of America, 1993, 90, 4286-4289.	7.1	25
41	Conditioning-specific reflex modification of the rabbit (Oryctolagus cuniculus) nictitating membrane response: US intensity effects. Learning and Behavior, 2003, 31, 292-298.	3.4	25
42	Characteristics of IA currents in adult rabbit cerebellar Purkinje cells. Brain Research, 2006, 1096, 85-96.	2.2	25
43	Interactions of prefrontal cortex during eyeblink conditioning as a function of age. Neurobiology of Aging, 2001, 22, 237-246.	3.1	24
44	The Effects of Changes in the CS-US Interval during Compound Conditioning upon an Other Wise Blocked Element. Quarterly Journal of Experimental Psychology Section B: Comparative and Physiological Psychology, 1982, 34, 19-30.	2.8	23
45	Cholesterol Modifies Classical Conditioning of the Rabbit (Oryctolagus cuniculus) Nictitating Membrane Response.. Behavioral Neuroscience, 2003, 117, 1220-1232.	1.2	22
46	Inactivation of the central nucleus of the amygdala abolishes conditioning-specific reflex modification of the rabbit (Oryctolagus cuniculus) nictitating membrane response and delays classical conditioning.. Behavioral Neuroscience, 2008, 122, 75-88.	1.2	21
47	Dietary cholesterol increases ventricular volume and narrows cerebrovascular diameter in a rabbit model of Alzheimerâ€™s disease. Neuroscience, 2013, 254, 61-69.	2.3	21
48	Temporal patterns of the rabbit's nictitating membrane response to compound and component stimuli under mixed CS-US intervals.. Behavioral Neuroscience, 1989, 103, 283-295.	1.2	21
49	Conditioning-specific reflex modification of the rabbit (Oryctolagus cuniculus) nictitating membrane response: generality and nature of the phenomenon. Behavioral Neuroscience, 2001, 115, 1039-47.	1.2	21
50	Unpaired extinction: Implications for treating post-traumatic stress disorder. Journal of Psychiatric Research, 2011, 45, 638-649.	3.1	20
51	Changes in membrane properties of rat deep cerebellar nuclear projection neurons during acquisition of eyeblink conditioning. Proceedings of the National Academy of Sciences of the United States of America, 2018, 115, E9419-E9428.	7.1	19
52	Acquisition of conditioned associations in Hermissenda: Additive effects of contiguity and the forward interstimulus interval.. Behavioral Neuroscience, 1990, 104, 597-606.	1.2	19
53	Analysis of long-term cognitive-enhancing effects of bryostatin-1 on the rabbit (Oryctolagus) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf	1.7	18
54	Cholesterol Increases Ventricular Volume in a Rabbit Model of Alzheimer's Disease. Journal of Alzheimer's Disease, 2012, 29, 283-292.	2.6	18

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55	Classical conditioning increases membrane-bound protein kinase C in rabbit cerebellum. NeuroReport, 1998, 9, 2669-2673.	1.2	17
56	Conditioning-specific reflex modification of the rabbit (Oryctolagus cuniculus) nictitating membrane response is sensitive to context. Learning and Behavior, 2006, 34, 315-324.	1.0	17
57	High dietary cholesterol facilitates classical conditioning of the rabbit's nictitating membrane response. Nutritional Neuroscience, 2007, 10, 31-43.	3.1	17
58	Dietary cholesterol modulates the excitability of rabbit hippocampal CA1 pyramidal neurons. Neuroscience Letters, 2010, 479, 327-331.	2.1	17
59	Incubation of conditioning-specific reflex modification: Implications for post traumatic stress disorder. Journal of Psychiatric Research, 2011, 45, 1535-1541.	3.1	17
60	Classical Conditioning and Modification of the Rabbit's (Oryctolagus Cuniculus) Unconditioned Nictitating Membrane Response. Behavioral and Cognitive Neuroscience Reviews, 2003, 2, 83-96.	3.9	17
61	Conditioning-specific reflex modification of rabbit (oryctolagus cuniculus) heart rate.. Behavioral Neuroscience, 2005, 119, 1484-1495.	1.2	16
62	Cholesterol enhances classical conditioning of the rabbit heart rate response. Behavioural Brain Research, 2007, 181, 52-63.	2.2	16
63	Dietary cholesterol impairs memory and memory increases brain cholesterol and sulfatide levels.. Behavioral Neuroscience, 2010, 124, 115-123.	1.2	15
64	Predictors of susceptibility and resilience in an animal model of posttraumatic stress disorder.. Behavioral Neuroscience, 2012, 126, 749-761.	1.2	15
65	Compound conditioning of the rabbitâ€™s nictitating membrane response: Test trial manipulations. Bulletin of the Psychonomic Society, 1986, 24, 79-81.	0.2	14
66	Effects of extinction on classical conditioning and conditioning-specific reflex modification of rabbit heart rate. Behavioural Brain Research, 2010, 206, 127-134.	2.2	14
67	Classical Conditioning-Induced Changes in Low-Molecular-Weight GTP-Binding Proteins in Rabbit Hippocampus. Journal of Neurochemistry, 1991, 57, 2065-2069.	3.9	13
68	Stimulation of the spinal trigeminal nucleus supports classical conditioning of the rabbit's nictitating membrane response.. Behavioral Neuroscience, 1988, 102, 163-172.	1.2	12
69	Dietary Cholesterol Concentration and Duration Degrade Long-Term Memory of Classical Conditioning of the Rabbitâ€™s Nictitating Membrane Response. International Journal of Alzheimer's Disease, 2012, 2012, 1-10.	2.0	12
70	Cholesterol and Copper Affect Learning and Memory in the Rabbit. International Journal of Alzheimer's Disease, 2013, 2013, 1-12.	2.0	12
71	Long-Term Memory and Extinction of Rabbit Nictitating Membrane Trace Conditioning. Learning and Motivation, 1998, 29, 68-82.	1.2	11
72	The Effects of Scopolamine on Changes in Regional Cerebral Blood Flow during Classical Conditioning of the Human Eyeblink Response. Neuropsychobiology, 1999, 39, 187-195.	1.9	11

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73	Heart rate changes during conditioning-specific reflex modification of the rabbitâ€™s (Oryctolagus) Tj ETQq1 1 0.784314 rgBT /Overloc	1.9	11
74	Classical conditioning of the rabbit's nictitating membrane response is a function of the duration of dietary cholesterol. Nutritional Neuroscience, 2007, 10, 159-168.	3.1	11
75	Parameters and sites of brainstem stimulation capable of eliciting the rabbit nictitating membrane response. Behavioural Brain Research, 1987, 25, 155-160.	2.2	10
76	Identification of the PS1 Thr147Ile Variant in a Family with Very Early Onset Dementia and Expressive Aphasia. Journal of Alzheimer's Disease, 2015, 46, 483-490.	2.6	10
77	Eyeblink classical conditioning and post-traumatic stress disorder â€“ a model systems approach. Frontiers in Psychiatry, 2015, 6, 50.	2.6	9
78	Propranolol produces short-term facilitation of extinction in a rabbit model of post-traumatic stress disorder. Neuropharmacology, 2018, 135, 386-398.	4.1	9
79	Classical conditioning of the rabbitâ€™s nictitating membrane response to CS compounds: Effects of prior single-stimulus conditioning. Bulletin of the Psychonomic Society, 1982, 19, 365-368.	0.2	8
80	Neurovascular changes measured by timeâ€ofâ€flight MR angiography in cholesterolâ€fed rabbits with cortical amyloid Î²â€peptide accumulation. Journal of Magnetic Resonance Imaging, 2010, 32, 306-314.	3.4	8
81	Ontogeny of trace eyeblink conditioning to shockâ€“shock pairings in the rat pup.. Behavioral Neuroscience, 2013, 127, 114-120.	1.2	8
82	Subacute fluoxetine enhances conditioned responding and conditioning-specific reflex modification of the rabbit nictitating membrane response. Behavioural Pharmacology, 2013, 24, 55-64.	1.7	8
83	Changes in cerebellar intrinsic neuronal excitability and synaptic plasticity result from eyeblink conditioning. Neurobiology of Learning and Memory, 2019, 166, 107094.	1.9	8
84	Stimulation of the spinal trigeminal nucleus supports classical conditioning of the rabbit's nictitating membrane response.. Behavioral Neuroscience, 1988, 102, 163-172.	1.2	8
85	Incorporation of Fluorescent Lipids into Living Rabbit Hippocampal and Cerebellar Slices. NeuroImage, 1994, 1, 264-275.	4.2	7
86	Imaging learning and memory: Classical conditioning. The Anatomical Record, 2001, 265, 257-273.	1.8	7
87	Maturation of membrane properties of neurons in the rat deep cerebellar nuclei. Developmental Neurobiology, 2014, 74, 1268-1276.	3.0	7
88	Effects of extinction treatments on the reduction of conditioned responding and conditioned hyperarousal in a rabbit model of posttraumatic stress disorder (PTSD).. Behavioral Neuroscience, 2015, 129, 611-620.	1.2	7
89	Dietary High Cholesterol and Trace Metals inÂthe Drinking Water Increase Levels ofÂABCA1 in the Rabbit Hippocampus andÂTemporal Cortex. Journal of Alzheimer's Disease, 2015, 49, 201-209.	2.6	7
90	Effects of modulating tone frequency, intensity, and duration on the classically conditioned rabbit nictitating membrane response. Cognitive, Affective and Behavioral Neuroscience, 1995, 23, 103-115.	1.3	7

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91	Concurrent Associative Transfer and Competition in Serial Conditioning of the Rabbitâ€²s Nictitating Membrane Response. Learning and Motivation, 1993, 24, 395-412.	1.2	5
92	Quantitative distribution of protein kinase C Î±, Î², Î³, and Ïµ mRNAS in the hippocampus of control and nictitating membrane conditioned rabbits. Molecular Brain Research, 1993, 19, 269-276.	2.3	5
93	Down regulation of cerebellar memory related gene-1 following classical conditioning. Genes, Brain and Behavior, 2003, 2, 231-237.	2.2	5
94	Effects of 4-aminopyridine on classical conditioning of the rabbit (Oryctolagus cuniculus) nictitating membrane response. Behavioural Pharmacology, 2006, 17, 319-329.	1.7	5
95	Classical conditioning and conditioning-specific reflex modification of rabbit heart rate as a function of unconditioned stimulus location.. Behavioral Neuroscience, 2011, 125, 604-612.	1.2	5
96	Effects of systemic glutamatergic manipulations on conditioned eyeblink responses and hyperarousal in a rabbit model of post-traumatic stress disorder. Behavioural Pharmacology, 2017, 28, 565-577.	1.7	5
97	Sex differences in a rabbit eyeblink conditioning model of PTSD. Neurobiology of Learning and Memory, 2018, 155, 519-527.	1.9	5
98	Classical conditioning of the rabbitâ€™s nictitating membrane response to a piezoceramic vibrotactile CS. Behavior Research Methods, 1986, 18, 359-362.	1.3	4
99	Dietary cholesterol degrades rabbit long term memory for discrimination learning but facilitates acquisition of discrimination reversal. Neurobiology of Learning and Memory, 2013, 106, 238-245.	1.9	4
100	Grouping subjects based on conditioning criteria reveals differences in acquisition rates and in strength of conditioning-specific reflex modification. Neurobiology of Learning and Memory, 2017, 145, 172-180.	1.9	4
101	Disruption of rat deep cerebellar perineuronal net alters eyeblink conditioning and neuronal electrophysiology. Neurobiology of Learning and Memory, 2021, 177, 107358.	1.9	4
102	Apple II/FIRST system control of electrical brain stimulation in the rabbit. Behavior Research Methods & Instrumentation, 1983, 15, 167-170.	0.3	3
103	Inactivation of the central nucleus of the amygdala blocks classical conditioning but not conditioning-specific reflex modification of rabbit heart rate. Neurobiology of Learning and Memory, 2013, 100, 88-97.	1.9	3
104	High-resolution fluorescent labeling of living cerebellar slices. Brain Research, 1996, 730, 125-132.	2.2	2
105	Inactivation of the interpositus nucleus blocks the acquisition of conditioned responses and timing changes in conditioning-specific reflex modification of the rabbit eyeblink response. Neurobiology of Learning and Memory, 2018, 155, 143-156.	1.9	2
106	Functional Nethorks Underlying Human Eyeblink Conditioning. , 2002, , 51-69.		1
107	Delayed unpaired extinction as a treatment for hyperarousal of the rabbit nictitating membrane response and its implications for treating PTSD. Journal of Psychiatric Research, 2018, 99, 1-9.	3.1	1
108	Cellular Correlates of Eyeblink Classical Conditioning. , 2002, , 179-204.		1

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109	Nictitating membrane reflex of the frog: Effects of paraorbital shock and body temperature. Behavioral and Neural Biology, 1982, 35, 70-75.	2.2	0
110	Cellular Mechanisms of Classical Conditioning. , 2002, , 14-45.		0
111	Concept of Unpaired Extinction for Treating PTSD. , 2015, , 1-13.		0
112	Inactivation of the interpositus nucleus during unpaired extinction does not prevent extinction of conditioned eyeblink responses or conditioning-specific reflex modification.. Behavioral Neuroscience, 2019, 133, 398-413.	1.2	0
113	Age, Body Mass Index (BMI) And Cognitive Difficulties In Appalachian West Virginia. Innovation in Aging, 2021, 5, 991-991.	0.1	0